

SECRET



COR-0270

Copy 2 of 5

9 December 1958

MEMORANDUM FOR : Special Assistant to the Director  
for Planning and Development

THROUGH : Director of Development and Procurement, DPS

SUBJECT : Report of Trip to ITEK

Reference : Memo for Addressee, Subject: Exploitation  
of Equipment for CORONA Photography (COR-  
0244 dtd 1 Dec.1958).

1. During the period 2 - 3 December, [ ] and the undersigned visited ITEK. The primary purpose of the visit was to resolve the differences in opinion regarding the relative merits of the processors and printers produced by ITEK and those manufactured by EK. During our stay we talked with [ ] the latter two were project officers for the ITEK processor and printer.

2. Basically, [ ] concern was twofold:

a. The processors and printers produced by EK would not retain the resolution obtained by the camera.

b. EK in the person of Mr. E. Green was not giving the ITEK equipments a fair trial and was not cooperating with ITEK personnel.

3. During our two day stay, we undertook to resolve each of the two major points brought to our attention by [ ]

a.1. In answer to par. 2A -- We indicated to [ ] all of the EK processors are capable of producing material in excess of calculated resolution of the Hyac cameras using either the IIA lenses or the IIB lenses. The majority of the cameras (14) will have the IIA lenses. Only 4 cameras will have the IIB lenses. The IIA lens produces 110 l/mm on axis; at 1° off axis 90 l/mm; at 2° = 75 l/mm and at 2 1/2° = 60 l/mm. ITEK believes the IIB lens will produce 100 l/mm across the slit. It must be remembered these figures are based on bench tests using high resolution targets.

2. We indicated to [ ] that EK considered the ITEK printer an excellent machine but it would need certain modifications before it could be utilized on CORONA. We assured [ ] all of the printers (EK and ITEK) could dupe material without appreciable loss of detail.

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c. EK is held accountable by the Project for processing and printing and therefore should have the responsibility for producing the equipments and techniques necessary to obtain the best available results.

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5. We suggested to [ ] he establish closer liaison with EK and frankly and openly discuss any problems with Mr. Green and his people. If, after discussion and study, the problem still exists, the facts should be presented to us and we would then attempt to resolve the differences.

6. CONCLUSIONS:

A. We believe we have succeeded in bringing EK and ITEK a little closer together and giving each a better understanding of the other's interests. I am sure Ed Green, as a consequence of some of ITEK's accusations, has taken a closer look at his equipment and their results.

B. The undersigned is of the opinion, however, that ITEK and EK will not work effectively as a team. I believe enough ill will has been engendered to preclude any hope of a good relationship. Our task of arbitration will be continuous.

C. Our recommendation is still to utilize EK processors and printers for CORONA.

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[ ]  
R&D Officer

CONCUR:

/s/

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[ ]

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